EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1989	((381/92 or 381/102-105). cols.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 15:47
L3	151	$4speaker$1 same ("18" inch) same subwoofer same ("12" inch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 15:47
L4	5	L2 and L3 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/19 15:47
L5	537	$4speaker$1 same ("18" inch) same (subwoofer$1 or woofer$1) same ("12" inch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 15:48
L6	9	L2 and 5 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/19 15:48
S1	50	(("5333200") or ("5524057") or ("5581618") or ("5610986") or ("5610985") or ("5822438") or ("4317958") or ("4866776") or ("4893342") or ("5001852") or ("5267321") or ("5319715") or ("5347499") or ("5410606") or ("5416463") or ("5546465") or ("5661808") or ("5758023") or ("5812678") or ("5892830") or ("5941751") or ("4256922") or ("4258387") or ("4260954") or ("4418243") or ("4477249") or ("4514599") or ("4574391") or ("4604501") or ("4759066") or ("4783807") or ("4805220") or	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/07/07 14:15

		("4908865") or ("4968154") or ("5233661") or ("5277184") or ("5377302") or ("5414774") or ("5450522") or ("5493620") or ("5537647") or ("5621659") or ("5640490") or ("5659658") or ("5715362") or ("5748745") or ("5774044") or ("5796851") or ("5825718") or ("5828766")).PN.				
S2	6	(("6611822") or ("7047279") or ("5963086") or ("4573189") or ("6301513") or ("6971121")).PN. or ((2003/0220091) or (2003/0108331)).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/07/05 09:46
S3	734	((DAVID) near2 (HALL)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 09:49
S4	43	((BRUCE) near2 (HALL)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 10:47
S6	7	(("4661982") or ("6072879") or ("20010018621") or ("6359994") or ("20020149704") or ("20020159606") or ("20030179891")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:42
S7	1	"4661982".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:42
S8	21	("4340780" | "4458362"). PN. OR ("4661982").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:43
S9	44	("3732370" | "4027258" | "4118601" | "4224482" | "4291411" | "4306113" | "4316060" | "4340778" | "4340780" | "4389623" | "4392022").PN. OR ("4458362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 12:59
S10	14	"5572443"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 12:59
S11	14	"5572443"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 16:47

S12	1	("7130435").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/07/06 10:07
S13	10	("4095261" | "4524452" | "5144548" | "5243640" | "5414417" | "5761320" | "5838393" | "6492909" | "6636931" | "6868296").PN. OR ("7130435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:16
S14	5	"6072879"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:17
S15	9	("5065432" | "5073942" | "5123051" | "5257313" | "5633993").PN. OR ("6072879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:19
S16	1495	$4speaker$1 same hous$4 same processor	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:22
S17	896	S16 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:21
S18	32946	"381"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:21
S19	74	S16 and S18 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:09
S20	281	$4speaker$1 same hous$4 same video same processor	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:23
S21	6	S20 and S18 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 10:23
S22	1380	((381/102-105 or 381/96). ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:06
S23	1610	((381/92 or 381/102-105). ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:06
S24	1204	((700/94).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:07
S26	112	$4speaker$1 same ("18" inch) same subwoofer same ("12" inch)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:11
S27	5	S22 and S26 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:11
S28	1	$4speaker$1 same (18-inch) same subwoofer same (12-inch)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:11
S29	8020	2and S26 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:11
S30	4	S23 and S26 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:12
S31	2	S24 and S26 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:12

S32	1	$4speaker$1 same ("18" adj inch) same subwoofer same ("12" adj inch)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/07 12:19
S33	2	(("5,125,032") or ("5,631,965")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/07/07 14:15
S34	9	subwoofer$1 same hous$4 same processor	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/21 15:39
S35	9	subwoofer$1 same hous$4 same processor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/21 15:39
S36	5	S35 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/21 15:40
S37	195	(subwoofer$1 or woofer $1) and hous$4 and processor and microphone $1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/21 15:58
S38	98	S37 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/21 15:58
S39	2	(parameter$1 same (low adj pass adj crossover adj (frequency or slop)) same (subsonic adj (frequency or slope)) same phase same polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:42
S40	2	(parameter$1 and (low adj pass adj crossover adj (frequency or slop)) and (subsonic adj (frequency or slope)) and phase and polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:44
S41	5	(parameter$1 and (subsonic adj (frequency or slope)) and phase and polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:45
S42	2	S41 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/22 09:45
S43	2	(parameter$1 and (low adj pass adj crossover adj (frequency or slop)) and phase and polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:50
S44	50350	(parameter$1 and phase and polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:50
S45	2169	(parameter$1 same phase same polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:51

S46	2	(subwoofer$1 or woofer $1) and hous$4 and processor and microphone $1 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:51
S47	2	(subwoofer$1 or woofer $1) and hous$4 and microphone$1 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:52
S48	3	(subwoofer$1 or woofer $1) and microphone$1 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:52
S49	4	(subwoofer$1 or woofer $1) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:54
S50	2189	(parameter$1 same phase same polarit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/22 09:55
S51	4	(subwoofer$1 or woofer $1) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:55
S52	25	($4speaker$1) and microphone$1 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/22 09:57
S53	10	S52 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/22 09:57
S54	6	(("4661982") or ("6072879") or ("6359994")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/22 10:13
S55	6	(("20010018621") or ("20020149704") or ("20020159606")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/22 10:15
S56	3	(("4661982") or ("6072879") or ("6359994")).PN. or ((2001/0018621) or (2002/0149704) or (2002/0159606) or (2003/0179891)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/23 10:11
S57	25	("4156809" | "4458362" | "4631749" | "4694498" | "4739513" | "4888808" | "4888809" | "4967380" | "5270954" | "5272656").PN. OR ("5572443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/23 13:45
S58	7	"6072879"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 12:14

S59	10	("5065432" | "5073942" | "5123051" | "5257313" | "5633993").PN. OR ("6072879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 12:16
S60	11	$3woofer$1 same hous$4 same processor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:29
S61	6	$3woofer$1 same hous$4 same processor same video	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:30
S62	4	S61 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 12:30
S63	4	S61 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:30
S64	333	$3woofer$1 and hous$4 and processor and video	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:32
S65	16	$3woofer$1 same hous$4 same proces$4 same video	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:32
S66	5	S65 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:32
S67	57	(("381"/$).ccls.) and S64 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:34
S68	1	(("181"/$).ccls.) and S64 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/19 12:50
S69	2	("6072879").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/19 13:52
S70	10	("5065432" | "5073942" | "5123051" | "5257313" | "5633993").PN. OR ("6072879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 13:52
S71	2	("5572443").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/19 13:53
S72	26	("4156809" | "4458362" | "4631749" | "4694498" | "4739513" | "4888808" | "4888809" | "4967380" | "5270954" | "5272656"). PN. OR ("5572443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 13:53
S73	4	"6566960"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 13:59

S74	12	("4218660"	"4713629"	"5164991"	"5194821"	"5396194"	"5748753"	"6104248"	"6166605"	"6373340"	"6434243"	"6437648").PN. OR ("6566960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 14:05
S75	2	("4665432").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 15:26
S76	592	(subwoofer$1 or woofer $1) and video and hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:37
S77	43	(subwoofer$1 or woofer $1) same video same hous $3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:37
S78	19	S77 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 15:38
S79	4541	(subwoofer$1 or woofer $1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:48
S80	80117	proces$4 same generat$4 same video	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:50
S81	19	S79 same S80	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:50
S82	15	S81 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 15:51
S83	382	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:00
S84	16185	microphone$1 same hous $3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:01
S85	5	S79 and S80 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:01
S86	46	S79 and S80 and (("381"/ $).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:04
S87	1763	generat$4 same video same based same sound	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:15
S88	68	S79 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:15

S89	15	S88 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:15
S90	2	("5572443").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 16:39
S91	26	("4156809" | "4458362" | "4631749" | "4694498" | "4739513" | "4888808" | "4888809" | "4967380" | "5270954" | "5272656"). PN. OR ("5572443").URPN.	US-PGPUB; USPAT	OR	ON	2008/08/20 16:40
S92	3	("6721428").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 16:47
S93	544	((381/61).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 16:51
S94	32	((381/61).ccls.) and S79 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 16:51
S95	9	("5208860" | "5734731" | "5812688" | "5999630" | "6026169" | "6154549" | "6459797" | "6490359" | "6525255").PN. OR ("7050869").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 16:56
S96	3	("6807279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 17:22
S97	7	("3047661" | "4712247" | "5197104" | "5588065" | "5748753").PN. OR ("6807279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 17:23
S98	3	("7016504").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 17:25

S99	51	("3594514" | "3764748" | "3870832" | "3882285" | "3905131" | "4505329" | "4548082" | "4615007" | "4628907" | "4756312" | "4776322" | "4817607" | "4840178" | "4918737" | "4957478" | "4964304" | "5012520" | "5015224" | "5015225" | "5081441" | "5163957" | "5197332" | "5210803" | "5220918" | "5259032" | "5282858" | "5303306" | "5338287" | "5420930" | "5425104" | "5428998" | "5456654" | "5531787" | "5554096" | "5615229" | "5624376" | "5645074" | "5654530" | "5682020" | "5701348" | "5721783" | "5833626" | "6302438" | "6304179" | "6366863" | "6408081" | "6620110" | "6643378" | "6648813" | "6658126"). PN. OR ("7016504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 17:25
S100	281	(subwoofer$1 or woofer$1) and video and port and hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 11:53
S101	5	(subwoofer$1 or woofer$1) same video same port same hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 11:54
S102	671	($4speaker$1) same video same port same hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 11:57
S103	108	($4speaker$1) same ((audio or video) near2 port$1) same hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 11:58
S104	53	S103 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 11:58
S105	29	($4speaker$1) same (audio near2 (port$1 or connect$3)) same (video near2 (port$1 or connect $4)) same hous$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 12:18
S106	14	S105 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 12:18

S107	31	($4speaker$1) same (audio near2 (port$1 or connect$3)) same (video near2 (port$1 or connect $4)) same (hous$3 or enclosure)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 12:33
S108	15	S107 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 12:33
S109	81	((JOHN) near2 (HARDWICK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 12:58
S110	1	((TIMOTHY) near2 (KALVAITIS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 12:59
S111	46	((WILLIAM) near2 (MCKINNEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 12:59
S112	0	((BRIAN) near2 (CLOONEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 13:01
S113	0	((BRIAN) near2 (CLOONEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 13:01
S114	46	((WILLIAM) near2 (MCKINNEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 13:01
S115	1	"7130435"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/21 13:05
S116	10	("4095261" | "4524452" | "5144548" | "5243640" | "5414417" | "5761320" | "5838393" | "6492909" | "6636931" | "6868296"). PN. OR ("7130435").URPN.	US-PGPUB; USPAT	OR	ON	2008/08/21 13:05
S117	32	("2788471" | "3659205" | "3680005" | "3891815" | "3992686" | "4045750" | "4120732" | "4362899" | "4739448" | "4754326" | "4907079" | "4974252" | "5014267").PN. OR ("5144548").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 13:15
S118	2	("6868296").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/21 13:20
S119	7	("5204909" | "5208865" | "5243640" | "5491839" | "5621659" | "6492909"). PN. OR ("6868296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/21 13:20

S120	14	(("4661982") or ("6072879") or ("20010018621") or ("6359994") or ("20020149704") or ("20020159606") or ("20030179891")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/21 13:30
S121	6	(("4868870") or ("5666424") or ("6829131")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:53
S122	2	("20030179891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:54
S123	1	("2000509220").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:56
S124	2	("5581621").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:59
S125	1457	$4speaker$1 same hous$4 same video same (proces $4 or DSP or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 11:52
S126	15	subwoofer same hous$4 same video same (proces $4 or DSP or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 11:53
S127	30	("20020105624" | "20020149672" | "20020175915" | "20040017548" | "20040189873" | "20050012909" | "5214514" | "5266980" | "5461437" | "5630659" | "5664859" | "5729395" | "5847748" | "6332029" | "6359994" | "6406151" | "6431711" | "6443574" | "6505940" | "6522419" | "6574433" | "6623123" | "6626543" | "6637888" | "6655668" | "6776490" | "6785217" | "6904154" | "6966651" | "7039210"). PN. OR ("7320520").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 12:00

S128	600	S125 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:04
S129	19	S125 and (("381"/$).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:05
S130	18	(subwoofer$1 or woofer $1) same hous$4 same video same (proces$4 or DSP or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:21
S131	30	("20020105624" | "20020149672" | "20020175915" | "20040017548" | "20040189873" | "20050012909" | "5214514" | "5266980" | "5461437" | "5630659" | "5664859" | "5729395" | "5847748" | "6332029" | "6359994" | "6406151" | "6431711" | "6443574" | "6505940" | "6522419" | "6574433" | "6623123" | "6626543" | "6637888" | "6655668" | "6776490" | "6785217" | "6904154" | "6966651" | "7039210"). PN. OR ("7320520").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 12:28
S132	38	(("5,214,514") or ("5,266,980") or ("5,461,437") or ("5,664,859") or ("5,729,395") or ("5,847,748") or ("6,332,029") or ("20020027999") or ("20020085730") or ("6,431,711") or ("20020105624") or ("6,443,574") or ("20020149672") or ("20020175915") or ("6,505,940") or ("6,522,419") or ("6,574,433") or ("20030137638") or ("6,626,543") or ("6,637,888")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 12:33
S133	0	(subwoofer$1 or woofer $1) near3 hous$4 same video same (proces$4 or DSP or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:34

S134	0	subwoofer near3 hous$4 near3 video near3 (proces $4 or DSP or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:35
S135	638	(subwoofer$1 or woofer $1) and hous$4 and video and (proces$4 or DSP or CPU or digital)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:36
S136	24	(subwoofer$1 or woofer $1) same hous$4 same video same (proces$4 or DSP or CPU or digital)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:36
S137	20	("3754618" | "4054750" | "4139734" | "4267405" | "4292679" | "4365114" | "4441577" | "4450322" | "4553630" | "4696037" | "4757544" | "4811406" | "4884655" | "4953223" | "5802190" | "6603859" | "6628793" | "6643379"). PN. OR ("7090047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 12:50
S138	120	S135 and (("381"/$).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/17 12:55
S139	2	("6072879").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/17 15:24
S140	102	(("5333200") or ("5524057") or ("5581618") or ("5610986") or ("5610985") or ("5822438") or ("4317958") or ("4866776") or ("4893342") or ("5001852") or ("5267321") or ("5319715") or ("5347499") or ("5410606") or ("5416463") or ("5546465") or ("5661808") or ("5758023") or ("5812678") or ("5892830") or ("5941751") or ("4256922") or ("4258387") or ("4260954") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/18 15:59

("4418243") or
("4477249") or
("4514599") or
("4574391") or
("4604501") or
("4759066") or
("4783807") or
("4805220") or
("4908865") or
("4968154") or
("5233661") or
("5277184") or
("5377302") or
("5414774") or
("5450522") or
("5493620") or
("5537647") or
("5621659") or
("5640490") or
("5659658") or
("5715362") or
("5748745") or
("5774044") or
("5796851") or
("5825718") or
("5828766")).PN.

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